

IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A quick connecting dual electrode assembly comprising:

a body 100 having a cable side and a patient side, and three eyelets 101a, 102a, 105a arranged in said body;

a distal snap assembly comprising a distal stud 108—securing a first eyelet 101a—of said three eyelets near an end of the body, and an additional stud 105—securing a second eyelet 105a—arranged near a center of the body, wherein said distal stud 108—and said additional stud 105—are electrically joined by a jumper assembly 104;

a proximal snap assembly comprising a proximal stud 106 securing a third eyelet 102a—at an opposite end from where said distal stud 108—is arranged proximal to the additional stud 105, so that a distance between said proximal stud 106—and said additional stud 105—is substantially less than a distance between said distal stud 108—and said proximal stud 106;

wherein said additional stud 105—is electrically isolated from said patient side.

2. (currently amended) The electrode assembly according to

claim 1, wherein said second eyelet ~~105a~~ is non-conductive.

3. (currently amended) The electrode assembly according to claim 1, wherein an external surface of the body ~~100~~ is coated with an adhesive.

4. (currently amended) The electrode assembly according to claim 1, wherein the patient side of the body includes a first solid gel portion 101 that adheres to the first eyelet ~~101a~~ and a second solid gel portion ~~102~~ that adheres to the second eyelet ~~102a~~.

5. (currently amended) The electrode assembly according to claim 1, wherein the patient side of the body includes a first liquid gel portion ~~101~~ that adheres to the first eyelet ~~101a~~ and a second liquid gel portion ~~102~~ that adheres to the second eyelet ~~102a~~, and the first liquid gel portion and the second liquid gel portion are about 50mm apart.

6. (currently amended) The electrode assembly according to claim 1, wherein the jumper assembly ~~104~~ comprises foil.

7. (original) The electrode assembly according to claim 1,

wherein the jumper assembly comprises plated plastic.

8. (original) The electrode assembly according to claim 6, wherein the jumper assembly has a label printed thereon.

9. (currently amended) The electrode assembly according to claim 1, wherein the distance between said distal stud ~~108~~ and said additional stud ~~105~~ is about 35mm apart.

10. (currently amended) The electrode assembly according to claim 9, wherein the distance between said distal stud ~~108~~ and said proximal stud ~~106~~ is about 50mm.

11. (currently amended) The electrode assembly according to claim 9, wherein the distance between the additional stud ~~105~~ and the proximal stud ~~106~~ is about 15mm.

12. (currently amended) The electrode assembly according to claim 1, wherein electrical connections are made on the cable side of the body to the additional stud 105 and the proximal stud ~~106~~.

13. (currently amended) The electrode assembly according to claim 12, wherein the additional stud ~~105~~ is a different size than

the proximal stud ~~106~~ and the distal stud ~~108~~.

14. (currently amended) The electrode assembly according to claim 1, wherein the additional stud ~~105~~ has a heart shaped label arranged on its outer perimeter on the patient side of the body.

15. (currently amended) The electrode assembly according to claim 1, wherein the distal stud ~~108~~ has a removable cover.

16. (original) The electrode assembly according to claim 15, wherein the cover is electrically insulating.

17. (currently amended) The electrode assembly according to claim 1, wherein the additional stud ~~105~~ and proximal stud ~~106~~ are sized to receive a two-stud connector plug thereon.

18. (currently amended) A method of making a dual-electrode assembly comprising the steps of:

(a) providing a body ~~100~~ having a cable side and a patient side, and three eyelets ~~101a, 102a, 105a~~ arranged in said body;

(b) providing a distal snap assembly comprising a distal stud ~~108~~ securing a first eyelet ~~101a~~ of said three eyelets near an end of the body, and an additional stud ~~105~~ securing a second

eyelet 105a—arranged near a center of the body, wherein said distal stud 108—and said additional stud 105—are electrically joined by a jumper assembly—104;

(c) providing a proximal snap assembly comprising a proximal stud 106—securing a third eyelet 102a—at an opposite end from where said distal stud 108 is arranged and proximal to the additional stud—105, so that a distance between said proximal stud 106—and said additional stud 105—is substantially less than a distance between said distal stud 108—and said additional stud—105; and

(d) isolating said additional stud 105—from said patient side.

19. (original) The method according to claim 18, further comprising:

(e) arranging a first solid gel portion on the patient side of the first eyelet; and

(f) arranging a second solid gel portion on the patient side of the second eyelet, so that said first gel portion and said second gel portion are about 50mm apart.

20. (original) The method according to claim 18, further comprising:

(e) sizing the additional stud at a different diameter than

the distal stud and the proximal stud.

21. (currently amended) The method according to claim 20, wherein the diameter of the additional stud ~~105~~ is larger than at least one of the proximal stud and the distal stud.

22. (currently amended) The method according to claim 18, further comprising (e) shaping the additional stud ~~105~~ in a different shape than at least one of the proximal stud ~~106~~ and distal stud ~~108~~.